

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Claim 1 (Currently Amended): A method of treating a disorder comprising administering to a subject a therapeutically effective amount of enoxaparin, wherein the disorder is one or more of a degenerative joint disorder, connective tissue disorder, wound healing disturbance, a disorder of the locomotor system, [[or]] and a disturbance of bone metabolism.

Claim 2 (Cancelled).

Claim 3 (Currently Amended): The method of claim 1 A method of treating a disorder comprising administering to a subject a therapeutically effective amount of enoxaparin, wherein the disorder is one or more of osteoarthroses, spondyloses, chondrolysis, collagenoses, immunological or metabolism-related acute or chronic arthritides, arthropathies, [[or]] and myalgias.

Claim 4 (Previously Presented): The method of claim 1, wherein the enoxaparin is administered by subcutaneous, intraarticular, intraperitoneal or intravenous injection.

Claim 5 (Previously Presented): The method of claim 4, wherein the enoxaparin is administered by intraarticular injection.

Claim 6 (Previously Presented): The method of claim 1, wherein the enoxaparin is administered at a dose of from about 5 μ g to about 200 mg.

Claim 7 (Previously Presented): The method of claim 6, wherein the dose of enoxaparin is from about 10 μ g to about 40 mg.

Claim 8 (Previously Presented): The method of claim 1, wherein the enoxaparin is administered rectally, orally, inhalationally, or transdermally.

Claims 9-25 (Cancelled).

Claim 26 (New): The method of claim 3, wherein the enoxaparin is administered by subcutaneous, intraarticular, intraperitoneal or intravenous injection.

Claim 27 (New): The method of claim 26, wherein the enoxaparin is administered by intraarticular injection.

Claim 28 (New): The method of claim 3, wherein the enoxaparin is administered at a dose of from about 5 μ g to about 200 mg.

Claim 29 (New): The method of claim 28, wherein the dose of enoxaparin is from about 10 μ g to about 40 mg.

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Claim 30 (New): The method of claim 3, wherein the enoxaparin is administered rectally, orally, inhalationally, or transdermally.